

ABSTRACT OF DISCLOSURE

A connection selection circuit is connected to laser elements of a first sub-array light source via a first circuit and also to laser elements of a second sub-array light source via a second circuit. The connection selection circuit initially connects a laser drive system to the laser elements of the first sub-array light source. When one or more of the laser elements of the first sub-array light source become defective, then the connection selection circuit connects the laser drive system to the laser elements of the second sub-array light source.